

Vulcan[®] Selection guide South West Asia



Vulcan® for packaging printing

All Trelleborg's Vulcan® solutions for packaging are designed with special parameters, features and materials at the central labs based in Italy. As a result all blankets provide high performance and meet requirements of any critical printing

Offer for packaging printing

- Traditional printing blankets
- Self-adhesive blanket
- Fabric-less coating plates for coating and varnishing
- Solutions for conventional, hybrid and UV inks

Main benefits

- Excellent ink transfer and halftone reproduction
- High quality dot reproduction
- Smooth and solid coverage
- Resistance against edge marking
- Adhesive consistency
- Longevity on the press

“Once a printer has mounted the blanket they have not encountered any blanket related issues”.

Maniraju Bora, Technical & Sales Director, South West Asia for Trelleborg Printing Solutions.



Leading offset printing with valuable solutions

What makes Vulcan® printing blankets the right choice for accelerating business of offset printers?

Dynatech System

Trelleborg's special rubber compound used for manufacturing the compressible layer

Main benefits

- Higher paper smash resistance
- Blanket consistency and performance
- Less gears streaking marks
- Better vibration absorption

Solution for UV applications

Trelleborg's offer for UV is made of blankets designed to meet HUV and LED UV press requirements.

Main benefits

- Strong chemical resistance
- First class solids and halftone reproduction
- No ink back-trapping
- Excellent smash and edge mark resistance
- Better vibration absorption

Feed-0

Special construction of the blanket that provides a perfect paper feed control

Main benefits

- Optimum paper feed tension
- Reduced risk of paper breaks
- Easier control of colour register during start-up
- Improved paper wastage control

Coating and Varnishing

A range of rubber- and polymer-based versions for both UV and aqueous coatings

Main benefits

- Easy and cleaned plate preparation
- Easier strip with visible cut lines
- Simpler handling
- Enhance print quality
- Accelerate printing productivity

Better function, better business, better sustainability, all in one.

Vulcan® is synonymous of **innovation** and **better sustainability** in all offset **applications**.

NEWSPAPER/HEATSET

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm ² @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	FEED FEATURES	WATER & SOLVENT PROTECTION	ADDITIONAL INFO	FABRIC PLIES
ROYAL WEB	HYBRID	BLUE	1,95	250	1	SLIGHTLY POSITIVE	YES	NO PACK VERSION AVAILABLE	4
202	HYBRID	GREEN	1,95	250	1	NEUTRAL	YES	FEED-0 NO PACK VERSION AVAILABLE	4
EDITOR 10 NO PAK	HYBRID	BLUE	2,06/2,08	250	-	NEUTRAL	-	DYNATECH	3
TECHNO	HYBRID	GREEN	1,70	230	0,8	POSITIVE	YES	DYNATECH	3
714 MASTER	CONVENTIONAL	LIGHT BLUE	1,70 - 1,95	240	1	POSITIVE	YES	HIGH SPEED WEB PRESSES	3-4
ALTO ND2	CONVENTIONAL	LIGHT BLUE	1,71 - 1,96	250	0,8	SLIGHTLY POSITIVE	YES	PREMIUM CHOICE FOR HEATSET	3/4
ALTO PLUS	HYBRID	LIGHT GREEN	1,70 - 1,95	250	0,8	SLIGHTLY POSITIVE	YES	PREMIUM CHOICE FOR HEATSET	3/4

SHEETFED/PACKAGING

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm ² @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	WATER & SOLVENT PROTECTION	FABRIC PLIES
FOLIO	HYBRID	GREEN	1,95	230	0,6	YES	3
COMBO PLUS	HYBRID	LIGHT BLUE	1,95	250	0,6	NO	3
ZENITH	HYBRID	BLUE	1,96	240	1,2	NO	3
PACK	CONVENTIONAL	BLUE	1,95	400	1,4	NO	3
DECO	CONVENTIONAL	BLUE	1,96	500	1,4	NO	3
TX12	CONVENTIONAL	BLUE	1,95	250	1,2	NO	3
ECO	CONVENTIONAL	BLUE	1,95	260	1,0	NO	4
DUO	HYBRID	BLUE	1,96	250	0,8	NO	2

UV

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm ² @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	WATER & SOLVENT PROTECTION	ADDITIONAL INFO	FABRIC PLIES
FOLIO UV	UV	PURPLE	1,96	230	0,8	NO	TOP QUALITY PRINTING	3
UV	UV	PURPLE	1,96	250	0,8	NO	-	3
SUNRISE	UV	RED	1,96	230	0,8	NO	DYNATECH HUV, LED UV	3
PACK UV	UV	PURPLE	1,96	400	0,8	NO	BEST SOLID AND HALF TONE PRINTING	3
SUPER UV	UV	GREEN	1,96	400	0,8	NO	PACKAGING AND METAL DECORATING UV	3

BUSINESS FORMS AND LABELS

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm ² @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	ADDITIONAL INFO	FABRIC PLIES
ROYAL FORM	CONVENTIONAL	LIGHT BLUE	0,90 - 0,95 - 1,00 - 1,05	300	0,8	ADHESIVE	2
ROYAL FORM UV	UV	PURPLE	0,90 - 0,95 - 1,00 - 1,05	300	0,8	ADHESIVE	2
UV	UV	PURPLE	1,75 - 1,95	300	0,8	ADHESIVE ON REQUEST (1,75 mm - 1,95 mm)	3
SPRINT	HYBRID	BLUE	0,90 - 0,95 - 1,00 - 1,05	250	0,8	ADHESIVE EASY MOUNTING	1

COATING

PRODUCT	TYPE OF VARNISH	PRINTING SURFACE COLOUR	SURFACE	THICKNESS (mm)	CARRIER	CARRIER THICKNESS Ra (micron)	CUTTING DEPTH (MM)
X-COAT	AQUEOUS / UV	RED	RUBBER	1,15 - 1,35 - 1,95	POLYESTER	0.35	0,8 - 1,0 - 1,6
X-COAT PLUS	AQUEOUS / UV	RED	POLYMER	1,15 - 1,35	POLYESTER	0.35	0,8 - 1,0
714 STRIP	AQUEOUS/UV	LIGHT BLUE	RUBBER	1,96	FABRIC	-	0,6

SECURITY PRINTING

PRODUCT	INK COMPATIBILITY	PRINTING SURFACE COLOUR	THICKNESS (mm)	AVERAGE LOAD VALUE N/cm ² @ 0,23 mm Indentation	SURFACE ROUGHNESS Ra (micron)	ADDITIONAL INFO	FABRIC PLIES
SOLID	CONVENTIONAL	LIGHT BLUE	1,70	NON COMPRESSIBLE BLANKET	1,2	-	3
INTAGLIO	NA	BLACK	0,50	-	N.A.	-	1

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Trelleborg's printing solutions operations, part of Trelleborg Coated Systems, offers first class solutions for the printing industry with worldwide recognized brands. Its solutions are leading edge in the offset and flexo printing markets for a variety of applications including newspapers, magazines, catalogs, business forms, labels, metal decorating and packaging.



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